

Please type a plus sign (+) inside this box



Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **SLIEB229**First Inventor **Herschel STERNLIEB**Title **Apparatus ... Shaped Orifice**Express Mail Label No. **EU 161694119 US****APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages **44**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table,
 or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets **4**]

5. Oath or Declaration [Total Pages **2**]

a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
*Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).*

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Mail Stop Patent Application
Comm'r for Patents – P.O. Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:
 i. CD-ROM or CD-R (2 copies); or
 ii. paper

c. Statements verifying identity of above copies

15535 U.S. PTO
10/706261**ACCOMPANYING APPLICATION PARTS**

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney

11. English Translation Document *(if applicable)*

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.

17. Other:
.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)of prior application No. **09 / 902,050**Prior application information: Examiner **Amy Vanatta**Group Art Unit: **3765**For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	<i>(Insert Customer No. or Attach bar code label here)</i>			or	<input checked="" type="checkbox"/> Correspondence address below
Name	Charles F. Seyboldt				
Address	19 Ridgeview Drive				
City	Standish	State	Maine	Zip Code	04084
Country	USA	Telephone	207-893-0352		Fax
Name (Print/Type)		Charles F. Seyboldt		Registration No. (Attorney/Agent) 41,304	
Signature				Date Nov 12, 2003	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770.00)

Complete if Known

Application Number	
Filing Date	November 12, 2003
First Named Inventor	STERNLIEB, Herschel
Examiner Name	
Group Art Unit	
Attorney Docket No.	SLIEB229

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below except for the filing fee to the above - identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	770.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)		770.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	20	-20** = 0	x = -0-
Independent Claims	1	-3** = 0	x = -0-
Multiple Dependent			=

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		- 0 -

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Charles F. Seyboldt	Registration No. (Attorney/Agent)	41,304	Telephone 207.893.0352
Signature	Charles F. Seyboldt		Date	12 Nov 2003

WARNING: Information on this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization on PTO-2038.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Herschel STERNLIEB

Serial No: _____ Group No: _____

For: APPARATUS FOR HYDROENHANCING FABRICS
USING A SHAPED ORIFICE

Commissioner of Patents and Trademarks
Washington D.C. 20231

EXPRESS MAIL CERTIFICATE UNDER 37 C.F.R. 1.10

"Express Mail" mailing Label No.: EU 16194119 US

Date of Deposit: November 12, 2003

I hereby certify that the attached correspondence comprising:

- (1) U.S. UTILITY PATENT APPLICATION AND DRAWINGS.
- (2) UTILITY PATENT TRANSMITTAL.
- (3) COPY OF DECLARATION FOR U.S. PATENT APPLICATION.
- (4) APPLICATION DATA SHEET.
- (5) POWER OF ATTORNEY FOR U.S. PATENT APPLICATION.
- (6) STATEMENT UNDER 37 CFR 3.73(b) (FORM PTO/SB/96).
- (7) FEE TRANSMITTAL FORM - (2) COPIES.
- (8) APPLICANT'S PAYMENT FOR THE OFFICIAL FILING FEES.
- (9) DOMESTIC RETURN RECEIPT.
- (10) ACKNOWLEDGEMENT OF RECEIPT POSTCARD.

is being deposited in a single envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and such envelope is addressed to:

Mail Stop Patent Application
Commissioner for Patents - P.O. Box 1450
Alexandria, Virginia 22313-1450

Charles F. Seyboldt
(Name of person mailing paper)



(Signature of person mailing paper)

Charles F. Seyboldt
19 Ridgeview Drive
Standish, Maine 04084
(207) 893-0352

The following papers were received in the
United States Patent and Trademark Office:

Applicant: STERNLIEB, Herschel et al Agent: C.F. Seyboldt

Title: APPARATUS FOR HYDROENHANCING FABRICS
USING SHAPED ORIFICE

Serial No.:

Filing Date:

- U.S. Utility Patent Application And Drawings.
- Utility Patent Transmittal.
- Copy of Declaration from Parent Patent Application.
- Power of Attorney & Statement under 37 CFR 3.73(b).
- Fee Transmittal Form - (2) Copies.
- Applicant's Payment for the Official Filing Fee.

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits.</p>		A. Received by (Please Print Clearly)	B. Date of Delivery
1. Article Addressed to: MAIL STOP PATENT APPLICATION COMMISSIONER FOR PATENTS P.O. Box 1450 ALEXANDRIA, VA 22313-1450		C. Signature X	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
		D. Is delivery address different from item 1? If YES, enter delivery address below:	<input type="checkbox"/> Yes <input type="checkbox"/> No
		3. Service Type <input type="checkbox"/> Certified Mail <input checked="" type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
2. Article Number (Transfer from service label)		4. Restricted Delivery? (Extra Fee) EU 161694119 US	<input type="checkbox"/> Yes
DIVISIONAL APPLICATION APPARATUS... SHAPED			